Compact versatility in full colour

imageRUNNER ADVANCE C2220L, C2220i, C2225i, C2230i

you can

The imageRUNNER ADVANCE C2200 series delivers quality colour communication in a small footprint. Easy integration, security and cost control features combined with top energy efficiency make it the perfect choice for small workgroups.

- 20-30 PPM MONO / 20-30 PPM COLOUR
- 17.8 CM TILTABLE TOUCH SCREEN
- PAPER CAPACITY UP TO 2,270 SHEETS
- MEDIA UP TO 220 GSM, SIZE UP TO SRA3
- SPACE SAVING DESIGN
- INNER AND EXTERNAL FINISHERS

Productivity

- A tiltable large 17.8 cm (7 inch) colour touch-screen provides intuitive operation
- Personalisation through user-defined one-touch buttons to simplify and automate commonly performed tasks
- Flexible scanning captures paper-based documents with ease
- Standard support for data formats such as Searchable PDF and Office Open XML (PowerPoint) enables re-use and re-purpose of digital content
- Canon's iW Desktop document publishing software and a choice of finishing make the creation of stunning customised sales proposals, reports and hand-outs easier than ever
- Support for mobile working.

Cost Control

- Multifunctional with compact design
- User activity tracking provides visibility of print behaviour
- Apply policies and restrict usage at function level by user
- Options for cost recovery and coin vending integration
- Efficient device monitoring, reporting and diagnostics for proactive maintenance.

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Device and Information Security

- Smart user authentication enables controlled device access without impacting convenience
- Disable functions per user to prevent unauthorised usage
- Secure print ensures document confidentiality
- A variety of standard features like data erase, IP and MAC address filtering and IPSec protects the device and network data transfer
- An extensive range of security options offers compliance to the highest levels covering all aspects of information security.

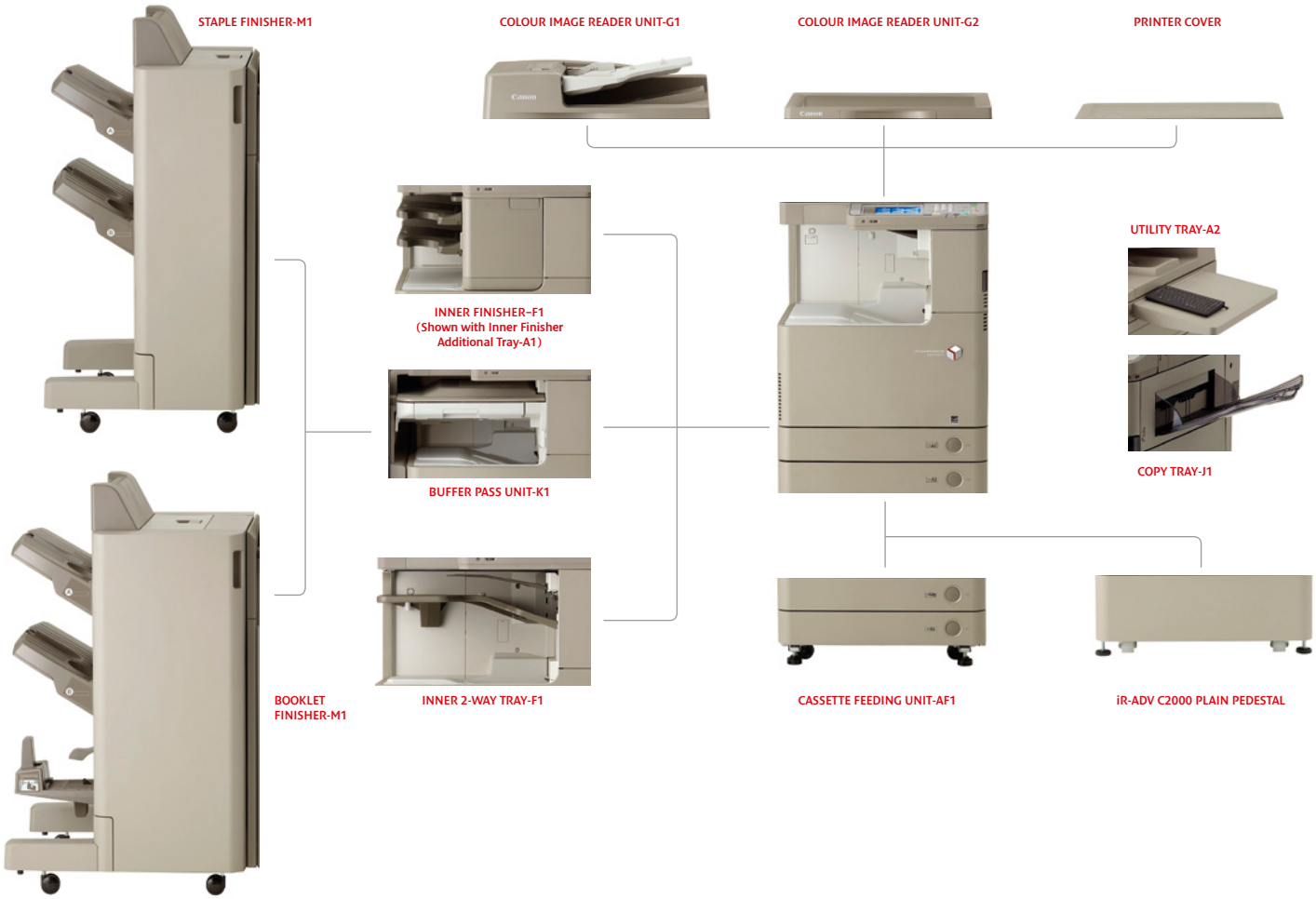
Integration

- Supports industry and network standards i.e. PCL and Adobe PostScript for seamless integration
- Shares resources and functionality with other imageRUNNER ADVANCE devices on the network
- Collaborates with business applications and external systems in the Cloud such as Google Drive™
- Through the embedded MEAP platform the device integrates tightly with a range of powerful software solutions
- Device management tools to easily configure, manage and upgrade the device, whether individually, or as part of a larger fleet.

Sustainability

- Class leading Typical Electricity Consumption (TEC*) ratings
- Consumes as little as 0.8W in sleep mode
- Incorporates recycled materials and bio-plastics
- ENERGY STAR® qualified.

Main configuration options



For full details of all options, please refer to the product specifications.

*Defined by ENERGY STAR (http://www.eu-energystar.org)

Specifications: imageRUNNER ADVANCE C2200 series

Machine type	Colour Laser Multifunctional (Reader/Printer separated)
Available Core functions	iR-ADV C2220L: Print, Copy*, Scan* and Optional PCL, Send and Fax iR-ADV C2220i/2225i/2230i: Print, Copy*, Scan*, Send* and Optional Fax * Requires COLOUR IMAGE READER UNIT-G1 or COLOUR IMAGE READER UNIT-G2. Printer version requires PRINTER COVER-D2.
PRINTER SPECIFICATIONS	
Print speed (BW/CL)	iR-ADV C2220L: 20 ppm (A4), 15 ppm (A3), 20 ppm (A4R), 20 ppm (A5R) iR-ADV C2220i: 20 ppm (A4), 15 ppm (A3), 20 ppm (A4R), 20 ppm (A5R) iR-ADV C2225i: 25 ppm (A4), 15 ppm (A3), 20 ppm (A4R), 25 ppm (A5R) iR-ADV C2230i: 30 ppm (A4), 15 ppm (A3), 20 ppm (A4R), 30 ppm (A5R)
Printing method	Colour Laser Beam Printing
Print resolution	1200 dpi x 1200 dpi, 600 dpi x 600 dpi
Double sided printing	Automatic (Standard)
Printing from memory media	Supported memory media: USB memory key, Memory cards (SD, Compact Flash and Memory Stick via optional MULTIMEDIA READER/WRITER-A2) Supported file types for direct printing: JPEG, TIFF, PDF*, XPS* (* iR-ADV C2220i/2225i/2230i require PS PRINTER KIT-AT1 for PDF or DIRECT PRINT KIT (for PDF/XPS)-H1 for PDF/XPS. XPS direct print from removable media is not available. PDF/XPS direct print is not available on iR-ADV C2220L).
Printing from mobiles or internet-connected devices and cloud-based services	A range of software and MEAP-based solutions is available to provide printing from mobile devices or internet-connected devices and cloud-based services depending on your requirements. Please contact your sales representative for further information.
Paper input (Standard)	Paper cassette 1: 520 sheets (80 gsm); Paper cassette 2: 550 sheets (80 gsm); 100-sheet multi-purpose tray
Paper input (Option)	2 x 550-sheet cassettes (80 gsm) (CASSETTE FEEDING UNIT-AF1)
Maximum paper input capacity	2270 sheets (80 gsm)
Paper output capacity	Without Finisher: 250 sheets (80 gsm) With Inner Finisher: 750 sheets (with 1 tray); When second tray is installed: 100 sheets (upper tray) + 350 sheets (lower tray) (80 gsm) With External Finisher: 3000 sheets (upper tray: 1300 sheets, lower tray: 1700 sheets) (80 gsm)
Finishing capabilities	Standard: Collate, Group With optional finishing units: Collate, Group, Offset, Staple, Saddle Stitch
Supported media types	Cassettes: Thin, Plain, Recycled, Colour, Heavy, Pre-punched, Bond, Envelopes* (*Envelope support via cassette 2 only. Requires optional ENVELOPE FEEDER ATTACHMENT-D1). Multi-purpose tray: Thin, Plain, Recycled, Colour, Heavy, Pre-punched, Bond, Transparency, Labels, Envelopes
Supported media sizes	Paper cassette 1: A4, A3, B5 Paper cassettes 2, 3 and 4: A4, A4R, A3, A5R, B5, Free size: 139.7 mm x 182 mm to 304.8 mm x 457.2 mm. Envelopes*: No.10 (COM10), Monarch, ISO-C5, DL. (*Envelope support via paper cassette 2 only. Requires optional ENVELOPE FEEDER ATTACHMENT-D1.) Multi-purpose tray: A4, A4R, A3, SRA3, A5, A5R, B5, Free size: 99 mm x 140 mm to 320 mm x 457 mm. Envelopes: No.10 (COM10), Monarch, ISO-C5, DL
Supported media weights	Paper cassette 1: 64 to 120 gsm Paper cassette 2, 3 and 4: 64 to 163 gsm Multi-purpose tray: 64 to 220 gsm Duplex: 64 to 120 gsm
Page Description Language(s)	UFRII (Standard on all models) PCL5e/6 (Standard for iR-ADV C2220i/2225i/2230i, optional for iR-ADV C2220L with PCL PRINTER KIT-AT1) Adobe PostScript Level 3 (Optional for iR-ADV C2220i/2225i/2230i with PS PRINTER KIT-AT1, not available for iR-ADV C2220L)
Fonts	PCL fonts: 93 Roman, 10 Bitmap, 2 OCR fonts; PS fonts: 136 Roman fonts
Operating System compatibility	UFRII: Windows XP/Server 2003/Vista/Server 2008/Windows 7/Server 2008 R2/ Windows 8, MAC OS X (10.4.9 or later) PCL: Windows XP/Server 2003/Vista/Server 2008/Windows 7/Server 2008 R2/ Windows 8 PS: Windows XP/Server 2003/Vista/Server 2008/Windows 7/Server 2008 R2/ Windows 8, MAC OS X (10.4.9 or later) PPD: MAC OS 9.1 or later, MAC OS X (10.2.8 or later), Windows Server 2003/ Server 2008/XP/Vista/Windows 7/Windows 8 Please refer to http://software.canon-europe.com/ for availability of print solutions for other operating systems and environments including AS/400, UNIX, Linux and Citrix. Some of these solutions are chargeable. SAP Device Types are available via the SAP Market Place.
COPY SPECIFICATIONS	
Copy speed	Please, refer to the quoted print speeds
First Copy Output Time (FCOT)	Approx. 5.9/8.9 sec or less (BW/CL)
Copy resolution	Reading: 600 dpi x 600 dpi Printing: 1200 dpi x 1200 dpi for characters/lines, 600 dpi x 600 dpi for graphics/images
Multiple copy	Up to 999 copies
Reduction/Enlargement	Zoom: 25-400 % in 1 % increments Fixed Zoom Ratio: 25 %, 50 %, 70 %, 100 %, 141 %, 200 %, 400 %
SCAN SPECIFICATIONS	
Optional/Standard	COLOUR IMAGE READER UNIT-G1 provides: Colour flatbed scan unit and a 50-sheet duplex automatic document feeder (DADF). COLOUR IMAGE READER UNIT-G2 provides: Colour flatbed scan unit and platen cover.
Supported media size/s	COLOUR IMAGE READER UNIT-G1: A3, A4, A4R, A5, A5R, B5, B5R, B6; Free sizes (W x L): Min. 128 mm x 148 mm, Max. 297 mm x 432 mm COLOUR IMAGE READER UNIT-G2: Max. 432 mm x 297 mm
Supported media weight/s	COLOUR IMAGE READER UNIT-G1: Single-sided scanning: 42 to 128 gsm/64 to 128 gsm (BW/CL); Double-sided scanning: 50 to 128 gsm/64 to 128 gsm (BW/CL);
Scan resolution	100 dpi, 150 dpi, 200 dpi x 100 dpi, 200 dpi, 300 dpi, 200 dpi x 400 dpi, 400 dpi, 600 dpi
Double sided scanning	2-sided to 2-sided (Automatic)
Scan speed (A4, 300 dpi)	COLOUR IMAGE READER UNIT-G1: Single-sided: 51/51 ipm (BW/CL); Double-sided: 19.6/19.6 ipm (BW/CL)

Scan methods	Push Scan: Send functionality standard for iR-ADV C2220i/2225i/2230i, optional for iR-ADV C2220L*. (*Requires optional COLOUR UNIVERSAL SEND KIT-R1) Pull Scan: TWAIN/WIA Pull scanning available on all models. Scan to USB Memory Key Scan to Mobiles, internet-connected devices and cloud-based services: A range of solutions is available to provide scanning to mobile devices, internet-connected devices and cloud-based services depending on your requirements. Please contact your sales representative for further information.
Pull scan specifications	TWAIN via Network TWAIN Driver (Colour Network ScanGear): Supported OS: Windows 2000/Windows XP/Windows Server 2003/Windows Vista/Windows Server 2008/Windows 7/Windows 8 (32 bit, 64 bit in compatibility mode)* WIA via Network WIA Driver: Supported OS: Windows Vista/Windows Server 2008/Windows 7/Windows 8 (32 bit, 64 bit)* *The drivers are available via http://software.canon-europe.com/
SEND SPECIFICATIONS	
Optional/Standard	Standard for iR-ADV C2220i/2225i/2230i (with COLOUR IMAGE READER UNIT-G2 or COLOUR IMAGE READER UNIT-G1), optional for iR-ADV C2220L (Requires COLOUR IMAGE READER UNIT-G2 or COLOUR IMAGE READER UNIT-G1 and COLOUR UNIVERSAL SEND KIT-R1)
Send resolution	100 dpi, 150 dpi, 200 dpi x 100 dpi, 200 dpi, 300 dpi, 200 dpi x 400 dpi, 400 dpi, 600 dpi
Destinations	E-Mail/Internet FAX (SMTP), PC (SMB, FTP), WebDAV. Google Drive with iR-ADV Cloud Connect MEAP application
Address Book/Speed dials	LDAP (1000)/Local (Max. 500)
File formats	TIFF, JPEG, PDF, XPS, High compression PDF/XPS, PDF/A-1b, Searchable PDF/ XPS, Office Open XML (PowerPoint)
Optional Universal Send Feature Sets	UNIVERSAL SEND ADVANCED FEATURE SET-E1: Create outline PDF (Trace and Smooth) and Adobe Reader Extensions PDF. UNIVERSAL SEND SECURITY FEATURE SET-D1: Send encrypted PDF, and add digital device signature to PDF/XPS files. UNIVERSAL SEND DIGITAL USER SIGNATURE KIT-C1: Add digital user signature to PDF/XPS files.
FAX SPECIFICATIONS	
Optional/Standard	Optional on all models (requires SUPER G3 FAX BOARD-AH2)
Modem speed	Super G3 33.6kbps (Up to 3 sec/page (see footnote 1)
Fax resolution	Standard: 200 x 100 dpi Fine: 200 x 200 dpi Super fine: 200 x 400 dpi Ultra fine: 400 x 400 dpi
FAX memory	Up to 6000 pages (see footnote 1)
Speed dials	Max. 200
Group dials/destinations	Max. 199 dials
Sequential broadcast	Max. 256 addresses from the address book plus new 256 destinations
Memory backup	3 hours
Other features	Fax Forwarding, Dual Access, PC Fax (TX only)
GENERAL SPECIFICATIONS	
Warm-up Time	Approx. 34 sec from power ON (Normal mode), 10 sec from power ON (Quick Start mode)
Recovery from sleep mode	10 sec
Interface type	USB 2.0 Hi-Speed; Ethernet: 1000BaseT/100Base-TX/10Base-T; 1 x USB Host (2.0), Optional 2 x USB Host (2.0) (Available with USB DEVICE PORT-E2)
Network protocols	TCP/IP* (LPD/Port 9100/WSD/IPP/IPPS/SMB/FTP), IPX/SPX (NDS, Bindery), AppleTalk. *IPv4/IPv6 support
Processor Speed	1.67 Ghz
Memory	4 GB Flash + 2 GB Memory
Hard Disk Drive	Standard 160 GB Hard Disk Drive (usable space 80 GB) (iR-ADV C2220i/2225i/2230i only)
Control panel	17.8 cm (7 inch) TFT WVGA Colour LCD Touch Panel
Dimensions (W x D x H)	565 mm x 650 mm x 1117 mm (iR-ADV C2220L with CASSETTE FEEDING UNIT-AF1 and COLOUR IMAGE READER UNIT-G1) 565 mm x 680 mm x 1117 mm (iR-ADV C2220i/2225i/2230i with CASSETTE FEEDING UNIT-AF1 and COLOUR IMAGE READER UNIT-G1)
Installation space (W x D)	846 mm x 1109 mm (iR-ADV C2220L + Multi-purpose tray + Cassette drawers open) 846 mm x 1139 mm (iR-ADV C2220i/22225i/2230i + Multi-purpose tray + Cassette drawers open)
Weight	Approx. 120 kg (with CASSETTE FEEDING UNIT-AF1 and COLOUR IMAGE READER UNIT-G1), 113.9 kg (with CASSETTE FEEDING UNIT-AF1 and COLOUR IMAGE READER UNIT-G2)
Operating environment	Temperature: 10 to 30ºC (50 to 86ºF) Humidity: 20 to 80 % RH (no condensation)
Power Source	220-240 V (±10 %), 50/60 Hz (±2 Hz), 4.3-5.6 Amp
Power Consumption	Maximum: Approx. 1.5 KW Standby: Approx. 75 W Energy Saver Mode: Approx. 60 W Sleep mode: Approx. 0.8 W or less (see footnote 2) Typical Electricity Consumption (TEC) rating (see footnote 3): 1.43 kwh (iR-ADV C2230i), 1.15 kwh (iR-ADV C2225i), 0.94kwh (iR-ADV C2220i/L)
Noise Levels (BW/CL)	Sound Pressure (see footnote 4) Active: 47/48 dB (iR-ADV C2220i/L), 48/49 dB (iR-ADV C2225i), 48/49 dB (iR-ADV C2230i). Standby: 25 dB
Software and printer management	iW Management Console for centralised management of the device (Consumables and error monitoring and alerts, address book, configuration and firmware updating, MEAP applications distribution, meter capture, driver and resource management); Compatible with eMaintenance services via embedded RDS (Enables meter capture, automatic consumables management and remote diagnostics); Content Delivery System (Remote distribution of firmware, iR options and MEAP applications); Canon Driver Configuration Tool; Remote User Interface (RUI); Network ScanGear; NetSpot Device Installer; MEAP (Multifunctional Embedded Application Platform); MEAP Web
Security Features	Standard: IP/Mac Address Filtering, IPSEC, SNMP V3.0, IEEE 802.1X, Trusted Platform Module (TPM), Secure Print, HDD Password Lock, Data Erase, Universal Login Manager, Department ID, SSO-H, Access Management System. Optional: Encrypted Secure Print, Encrypted PDF, HDD Encryption, User and Device signatures, Secure Watermarks, Document Scan locking, HDD removal, MailboxLite. The following items require uniFLOW: My Print Anywhere secure print, Data Loss Prevention.
CONSUMABLES	
Toner Cartridge/s	C-EXV 34 TONER BK/CY/MG/YL (yield 23000/19000/19000/19000 pages (see footnote 5)

Specifications: imageRUNNER ADVANCE C2200 series

SPECIFICATIONS FOR OPTIONS	
Staple Finisher 1	**INNER FINISHER-F1** (compact inner finisher) Number of Trays: 1 (additional tray available as option) Standard Tray Capacity: 750 sheets (A4/A5/A5R), 500 sheets (SRA3, A3, A4R) (80 gsm) Capacity with optional tray: Upper tray: 100 sheets (all sizes), lower tray: 350 sheets Paper Weight: 60 to 220 gsm Staple Position: Corner, Double Staple Capacity: A4: 50 sheets; A3/A4R: 30 sheets Dimensions (W x D x H): 590 mm x 550 mm x 260 mm Weight: Approx. 12.5 kg, with additional tray: 14 kg
Staple Finisher 2	**STAPLE FINISHER-M1** (External) (Requires BUFFER PASS UNIT-K1) Number of Trays: 2 Tray A (Upper) Capacity: A4/A5R 1300 sheets, A3/A4R 650 sheets Tray B (Lower) Capacity: A4/A5R 1700 sheets, A3/A4R 650 sheets Paper Weight: 60 to 220 gsm Staple Position: Corner, Double Staple Capacity: A4: 50 sheets; A3/A4R: 30 sheets Dimensions (W x D x H): 559 mm x 647 mm x 1097 mm (when the extension tray is not extended) Weight: Approx. 46 kg
Booklet Finisher	**BOOKLET FINISHER-M1** (External) (Requires BUFFER PASS UNIT-K1) Number of Trays: 2 Tray A (Upper) Capacity: A4/A5R 1300 sheets, A3/A4R 650 sheets Tray B (Lower) Capacity: A4/A5R 1700 sheets, A3/A4R 650 sheets Paper Weight: 60 to 220 gsm Staple Position: Corner, Double, Booklet Stitch Staple Capacity: A4: 50 sheets; A3/A4R: 30 sheets Booklet Stitch paper size: A3, A4R Booklet Stitch Staple Capacity: 16 sheets (64 pages, 64-81 gsm) x 10 booklets Dimensions (W x D x H): 671 mm x 656 mm x 1097 mm (when the extension tray is not extended) Weight: Approx. 75 kg
Cassette Feeding Unit	**CASSETTE FEEDING UNIT-AF1:** Adds two additional front-loading, user-adjustable 550-sheet paper cassettes to the standard paper supply.
ADDITIONAL OPTIONS	
Hardware accessories 1	**iR-ADV C2000 PLAIN PEDESTAL:** Substituted for the cassette feeding unit, the pedestal raises the device, without adding further paper capacity. **INNER 2WAY TRAY-F1:** Adds a second internal output tray to give a combined output capacity of 350 sheets (upper tray 100 sheets/lower tray 250 sheets). **3 WAY UNIT-C1**: An option for the iR-ADV C2220L, it enhances the double-sided print productivity to 100%.
Hardware accessories 2	**COPY TRAY-J1:** Provides a simple tray for basic output needs. Output capacity is 100 sheets (A4). **UTILITY TRAY-A2:** Provides an additional tray to hold an external USB keyboard. **STAMP UNIT-B1:** Enables the machine to print a stamp on the front side of scanned and sent originals. **MiCARD PLUS PROXIMITY CARD READER:** A proximity card reader for card-based user authentication, supporting multiple card technologies (HID, HiTag, Casi Rusco, Indala and MiFare etc).

Print controller accessories Document Publishing	**BARCODE PRINTING KIT-D1:** Enables barcode printing via jet caps technology. **IW DESKTOP:** Powerful print publishing software which easily combines documents from different sources, applies finishing to create professional looking documents and seamlessly links to the printer. Includes PDF creation, annotation and compression capabilities for digital workflows such as proofing and authorisation.
System accessories	**WEB ACCESS SOFTWARE-H1:** Provide access to websites and other web-based online content. **SUPER G3 2ND LINE FAX BOARD-AH2:** Adds second fax line. **REMOTE FAX KIT-A1:** Enables the device to send and receive fax from another device connected with a fax board. **USB DEVICE PORT-E2:** Adds two additional USB Ports to use with uniFLOW or 3rd party card readers or the Multimedia Reader/Writer-A2. **SERIAL INTERFACE KIT-K1:** Serial interface for Cost Recovery Solutions. **COPY CONTROL INTERFACE KIT-A1:** Allows connection (CCVI I/F) between 3rd party copy control terminal and Canon's iR-ADV range for cost recovery use.
Device security accessories	**HDD DATA ENCRYPTION KIT-C3:** Encrypts all image data and device settings before storing them on the hard drive of the device. **REMOVABLE HDD KIT-AE1:** Allows the physical removal of the Hard Disk Drive when the device is unattended or not in use to protect confidential data and provide a greater level of security.
Document security	**DOCUMENT SCAN LOCK KIT-B1:** This function increases document security levels by embedding hidden track and lock code within copied or printed documents to restrict unauthorised copying, sending, and faxing. **SECURE WATERMARK-B1:** Deters duplication of sensitive documents by embedding hidden watermarks that become visible when copied. **ENCRYPTED PRINTING SOFTWARE-D1:** Encrypts the print job in transit to the device and requires a password at the printer before sensitive documents can be printed.
Accessibility accessories	**ADF ACCESS HANDLE-A1:** Attaches to the document feeder, making access easier for seated users. **REMOTE OPERATORS SOFTWARE KIT-B1:** Allows use of device control panel screens from remote computers. **VOICE GUIDANCE KIT-F2:** Recorded voice provides confirmation of basic copy menu settings, making the system easier to use for the visually impaired. **VOICE OPERATION KIT-C2:** Enables the user to set various functions on the device using verbal instructions and audible feedback.
Other options	**STAMP INK CARTRIDGE-C1** **STAPLE CARTRIDGE-D3:** Saddle staple cartridge for BOOKLET FINISHER-M1. **STAPLE-J1:** Plain staples for Inner Finisher-F1, STAPLE FINISHER-M1, BOOKLET FINISHER-M1

Standard disclaimers
All specifications subject to change without notice

Footnotes
1. Based on ITU-T Standard Chart No. 1
2. 1 watt sleep mode may not be possible in all circumstances. Certain network configurations and options may prevent the device from entering deep sleep mode. Please refer to the user guide for more information
3. Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh). The test methodology is defined by ENERGY STAR (http://www.eu-energystar.org).
4. Declared noise emission in accordance with ISO 7779
5. Based on 6 % coverage

ImageRUNNER ADVANCE · meap POWERED BY · Therefore · mobile PRINT & SCAN · uniFLOW · iW Desktop · iW Management Console

universal login manager · works with Google Drive · Google Cloud Print Ready · Common Criteria · ENERGY STAR · Adobe PostScript 3 · eCopy · IRIS Document to Knowledge · e-Maintenance

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